

## **Regarding my accomplishments**

I feel that this assignment has taught me a lot about the development of web applications. With no prior experience in Ruby, let alone Rails, all my past experience with creating webpages has been through HTML, CSS, and JS. This assignment has allowed me to discover Rails, which actually turned out to be extremely efficient at creating web applications as compared to hardcoded HTML and JS. The ability that Rails provides of easily setting up and liaising with a database, even with minimal SQL knowledge, further lends to this efficiency and convenience.

As to what I feel about my accomplishments, my opinion is that the end product is certainly something that I can be proud of. Although the user interface still has room for aesthetic improvements, the fundamental functionalities that any to-do list must have, including CRUD, have been wholly implemented, which is arguably impressive for a first attempt. I feel, in fact, that with some improvements to the interface, including animations and customization options, this would be of sufficient quality to be a to-do list manager that I would actually use myself.

That being said, I feel that the end product could have turned out a lot better if more time had been given. If it were the case, I would have worked on improving the interface and on adding additional features. Nonetheless, I am certainly satisfied with what I've managed to achieve over the past 1.5 months. End product aside, I feel that the knowledge I've gained through working on this assignment will certainly prove useful to me in the future, especially as modern society becomes increasingly dependent on the internet.

## **User manual**

### **Creating an account**

1. From the login screen, select the Sign Up option at the top-left
2. Enter your desired username and password, then hit Submit
3. Your account will automatically created and you will be logged in
  - a. If you are prompted that an account with your username already exists, please choose another username

### **Logging in**

1. From the login screen, simply enter your username and password, then select the Sign in option
  - a. If you are sent back to the login screen with an error message, then your username and/or password is incorrect, and you will have to re-enter them again
2. You will be logged in and redirected to the main page, from which you can view all your tasks

### **Creating a new task**

1. Once logged in, select New at the top-left

2. You will be presented with a form – in the Head field add a brief summary of the task, and in the Body field add (optional) details
3. When ready, click Create to create the new task, or click Cancel to return to the main page without creating the new task

#### View all tasks

1. Once logged in, select Main from the top-left
2. You will be brought to a screen displaying a list of all your existing tasks
3. This screen displays basic information about your tasks – you can select the combo box near the top of the screen to sort your tasks according to different criteria

#### View task in detail

1. From the Main index page, select the title of any task to go to the main page for that task
2. This page will display all the information you need to know about that task, and also has options to edit the task

#### Edit a task (content)

1. From the main page of any task, select Edit near the top of the screen
2. You will be prompted to modify the head and the body of the task
3. When done, select Confirm to make your changes, or Cancel to go back without saving
4. The Last Updated date of your task will be modified accordingly to reflect the changes

#### Edit a task (tags)

1. From the main page of any task, you can delete tags by selecting the crosses adjacent to the name of the tag
2. To add a new tag, enter the new tag into the textbox below the list of tags, then select “Add tag” to add the new tag to your task
3. Do note that modifying the tags of a task do not count as modifying the task itself, and such changes will thus not be reflected in the Last Updated date

#### Delete a task

1. From the main page of any task, select Delete near the top of the screen
2. Your task will be deleted and you will be brought back to the main page, where you can see all the tasks you have remaining

#### Search tasks

1. Once logged in, select Search at the top-left
2. Enter your desired search terms into the text fields
  - a. Search by content allows you to search for text within the task’s head and body
  - b. Search by tag allows you to search for tags which *exactly match* the text entered into the field

3. Select the desired type of search
  - a. Please note that empty text fields will return no matches – as such, do not select Match both if one or both fields are empty
4. Click on Search when done, and you will be brought to a screen displaying all the tasks which matched your search criteria
5. Select Back to search if you are dissatisfied with your results and wish to search again

### Logging out

1. From any page when logged in, select the Logout option in the top-right (next to your username)
2. You will be redirected to the Sign in screen

### Schema

